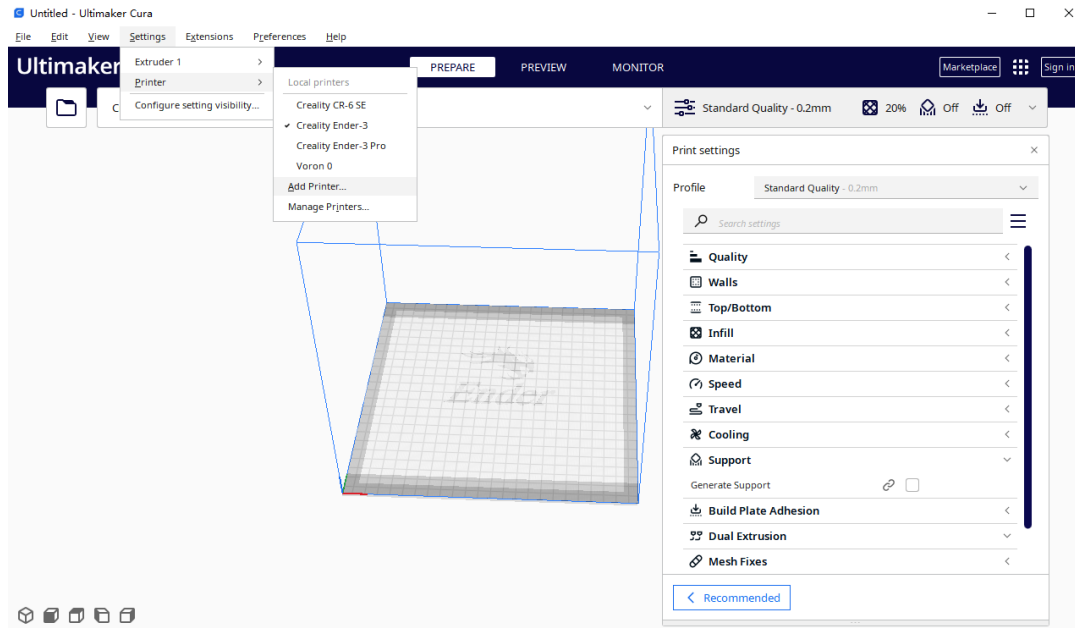


# Creality Sonic Pad

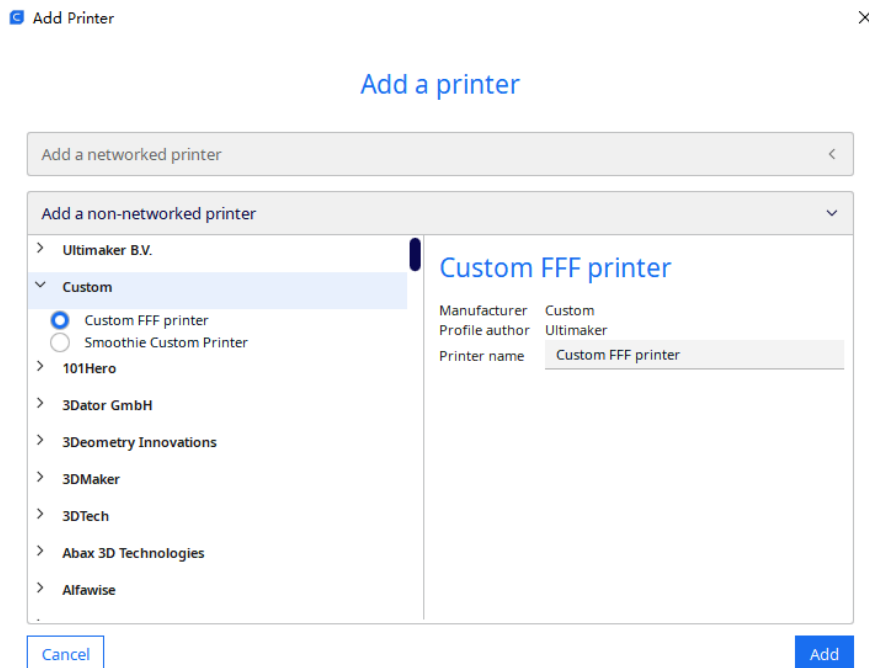
## Ultimaker Cura (5.1.0) Profiles User Guide

### 1. Add Printer

#### Settings--Printer--Add Printer



#### Add Custom FFF Printer (add a printer name)



# Ender-3 S1 Machine Settings

## Printer settings

Machine Settings ×

**Creativity Ender-3 S1**

Printer	Extruder 1
<b>Printer Settings</b>	<b>Printhead Settings</b>
X (Width) <input type="text" value="235.0"/> mm	X min <input type="text" value="-26"/> mm
Y (Depth) <input type="text" value="235.0"/> mm	Y min <input type="text" value="-32"/> mm
Z (Height) <input type="text" value="250.0"/> mm	X max <input type="text" value="32"/> mm
Build plate shape <input type="text" value="Rectangular"/>	Y max <input type="text" value="34"/> mm
Origin at center <input type="checkbox"/>	Gantry Height <input type="text" value="25.0"/> mm
Heated bed <input checked="" type="checkbox"/>	Number of Extruders <input type="text" value="1"/>
Heated build volume <input type="checkbox"/>	Apply Extruder offsets to GCode <input checked="" type="checkbox"/>
G-code flavor <input type="text" value="Marlin"/>	
<b>Start G-code</b>	<b>End G-code</b>
<pre>G90 G92 E0 ; Reset Extruder G28 ; Home all axes BED_MESH_CALIBRATE G1 Z2.0 F3000 G1 X5.1 Y20 Z0.3 F5000.0 G1 X5.1 Y200.0 Z0.3 F1500.0 E15</pre>	<pre>M140 S0 M104 S0 M106 S0 G91 G1 Z0.2 E-2 F2400 G1 X5 Y5 F3000 G1 Z10</pre>

### Start G-code

```
G90
G92 E0 ; Reset Extruder
G28 ; Home all axes
BED_MESH_CALIBRATE
G1 Z2.0 F3000
G1 X5.1 Y20 Z0.3 F5000.0
G1 X5.1 Y200.0 Z0.3 F1500.0 E15
G1 X5.4 Y200.0 Z0.3 F5000.0
G1 X5.4 Y20 Z0.3 F1500.0 E30
G92 E0
G1 Z2.0 F3000
G1 X5 Y20 Z0.3 F5000.0
```

### End G-code

```
M140 S0
M104 S0
M106 S0
G91
G1 Z0.2 E-2 F2400
G1 X5 Y5 F3000
G1 Z10
G90
G1 X0 Y230
M84
```

# Extuder settings

Machine Settings ×

### Creality Ender-3 S1

Printer		Extruder 1	
<b>Nozzle Settings</b>			
Nozzle size	0.4	mm	
Compatible material diameter	1.75	mm	
Nozzle offset X	0.0	mm	
Nozzle offset Y	0.0	mm	
Cooling Fan Number	0		
<b>Extruder Start G-code</b>		<b>Extruder End G-code</b>	
<div style="border: 1px solid #ccc; height: 100px;"></div>		<div style="border: 1px solid #ccc; height: 100px;"></div>	

# Ender-3 S1 Pro Machine Setings

## Printer settings

Add Printer ×

### Machine Settings

#### Ender-3 S1 Pro

Printer		Extruder 1	
<b>Printer Settings</b>		<b>Printhead Settings</b>	
X (Width)	235.0 mm	X min	-26 mm
Y (Depth)	235.0 mm	Y min	-32 mm
Z (Height)	250.0 mm	X max	32 mm
Build plate shape	Rectangular	Y max	34 mm
Origin at center	<input type="checkbox"/>	Gantry Height	25.0 mm
Heated bed	<input checked="" type="checkbox"/>	Number of Extruders	1
Heated build volume	<input type="checkbox"/>	Apply Extruder offsets to GCode	<input checked="" type="checkbox"/>
G-code flavor	Marlin		
<b>Start G-code</b>	<div style="border: 1px solid #ccc; padding: 2px;">G90 G0 Z 10 • Deact Extruder</div>	<b>End G-code</b>	<div style="border: 1px solid #ccc; padding: 2px;">M140 S0 M104 S0</div>

[Next](#)

### Start G-code

```
G90
G92 E0 ; Reset Extruder
G28 ; Home all axes
BED_MESH_CALIBRATE
G1 Z2.0 F3000
G1 X5.1 Y20 Z0.3 F5000.0
G1 X5.1 Y200.0 Z0.3 F1500.0 E15
G1 X5.4 Y200.0 Z0.3 F5000.0
G1 X5.4 Y20 Z0.3 F1500.0 E30
G92 E0
G1 Z2.0 F3000
G1 X5 Y20 Z0.3 F5000.0
```

### End G-code

```
M140 S0
M104 S0
M106 S0
G91
G1 Z0.2 E-2 F2400
G1 X5 Y5 F3000
G1 Z10
G90
G1 X0 Y230
M84
```

## Extuder settings

Add Printer

×

### Machine Settings

#### Ender-3 S1 Pro

Printer	Extruder 1
<b>Nozzle Settings</b>	
Nozzle size	<input type="text" value="0.4"/> mm
Compatible material diameter	<input type="text" value="1.75"/> mm
Nozzle offset X	<input type="text" value="0.0"/> mm
Nozzle offset Y	<input type="text" value="0.0"/> mm
Cooling Fan Number	<input type="text" value="0"/>
<b>Extruder Start G-code</b>	<b>Extruder End G-code</b>
<input type="text"/>	<input type="text"/>

Next

# Ender-3 V2 Machine Settings

## Printer settings

Machine Settings ×

**Ender-3 V2**

Printer	Extruder 1
<b>Printer Settings</b>	<b>Printhead Settings</b>
X (Width) <input type="text" value="225.0"/> mm	X min <input type="text" value="-20"/> mm
Y (Depth) <input type="text" value="225.0"/> mm	Y min <input type="text" value="-10"/> mm
Z (Height) <input type="text" value="235.0"/> mm	X max <input type="text" value="10"/> mm
Build plate shape <input type="text" value="Rectangular"/>	Y max <input type="text" value="10"/> mm
Origin at center <input type="checkbox"/>	Gantry Height <input type="text" value="255.0"/> mm
Heated bed <input checked="" type="checkbox"/>	Number of Extruders <input type="text" value="1"/>
Heated build volume <input type="checkbox"/>	Apply Extruder offsets to GCode <input checked="" type="checkbox"/>
G-code flavor <input type="text" value="Marlin"/>	
<b>Start G-code</b>	<b>End G-code</b>
<pre>G90 G92 E0 ; Reset Extruder G28 ; Home all axes G1 Z2.0 F3000 G1 X5.1 Y20 Z0.3 F5000.0 G1 X5.1 Y200.0 Z0.3 F1000.0 E15 G1 X5.4 Y200.0 Z0.3 F5000.0</pre>	<pre>M140 S0 M104 S0 M106 S0 G91 G1 Z0.2 E-2 F2400 G1 X5 Y5 F3000 G1 Z10</pre>

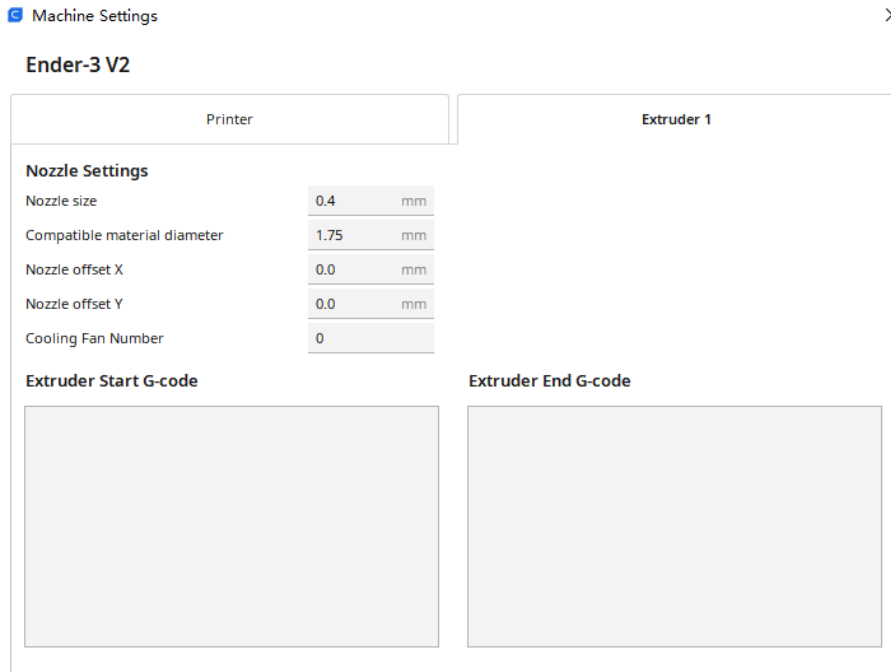
### Start G-code

```
G90
G92 E0 ; Reset Extruder
G28 ; Home all axes
G1 Z2.0 F3000
G1 X5.1 Y20 Z0.3 F5000.0
G1 X5.1 Y200.0 Z0.3 F1000.0 E15
G1 X5.4 Y200.0 Z0.3 F5000.0
G1 X5.4 Y20 Z0.3 F1000.0 E30
G92 E0
G1 Z2.0 F3000
G1 X5 Y20 Z0.3 F5000.0
```

### End G-code

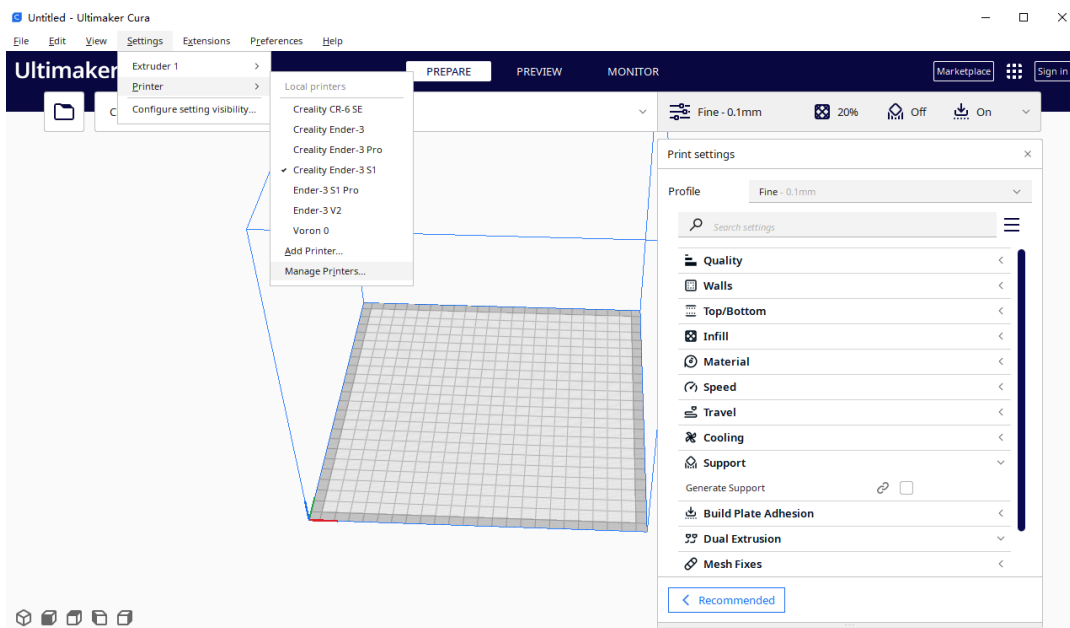
```
M140 S0
M104 S0
M106 S0
G91
G1 Z0.2 E-2 F2400
G1 X5 Y5 F3000
G1 Z10
G90
G1 X0 Y225
M84
```

## Extruder settings



## 2. Import the Profiles (Ender-3 S1 as an example)

### Settings--Printer--Manage Printer



## Profiles—Import

Preferences

General  
Settings  
Printers  
Materials  
Profiles

**Profiles** Import

Profiles compatible with active printer:  
**Creality Ender-3 S1**

**Extra Fine**

**Default**

- Extra Fine
- Fine
- Normal
- Draft
- Extra Fast
- Coarse
- Extra Coarse

**Global Settings**

Setting	Profile	Current	Unit
Layer Height	0.06		mm
Infill Speed	Calculated		mm/s
Top/Bottom ...	Calculated		mm/s

**Extruder 1**

## Import the Profiles

Preferences

General  
Settings  
Printers  
Materials  
Profiles

**Profiles** Import

Profiles compatible with active printer:  
**Creality Ender-3 S1**

**Extra Fine**

**Default**

- Extra Fine
- Fine
- Normal
- Draft
- Extra Fast
- Coarse
- Extra Coarse

**Custom profiles**

- Cura-Ender3S1-fast-PLA

**Global Settings**

Setting	Profile	Current	Unit
Layer Height	0.06		mm
Infill Speed	Calculated		mm/s
Top/Bottom ...	Calculated		mm/s

**Extruder 1**

## Select the profiles Slice

